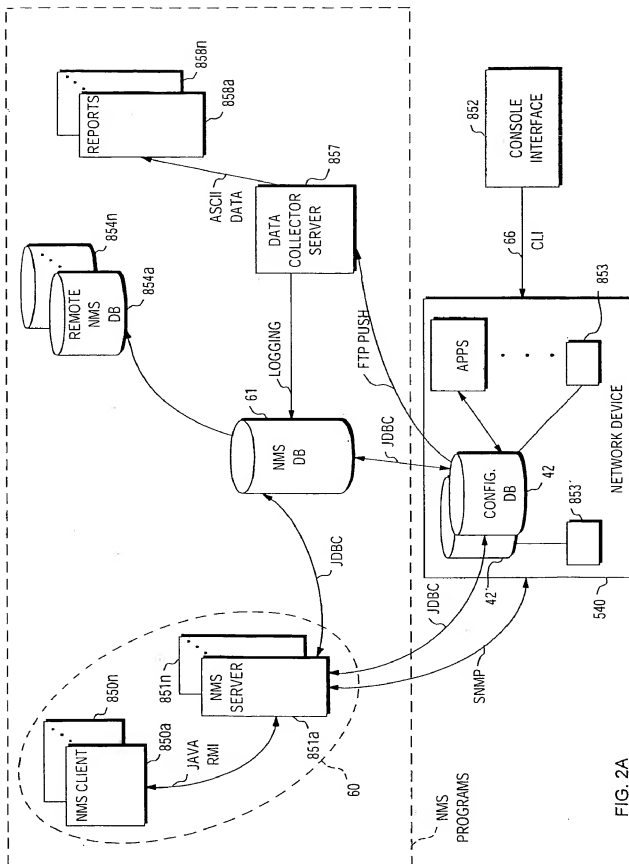


FIG. 1



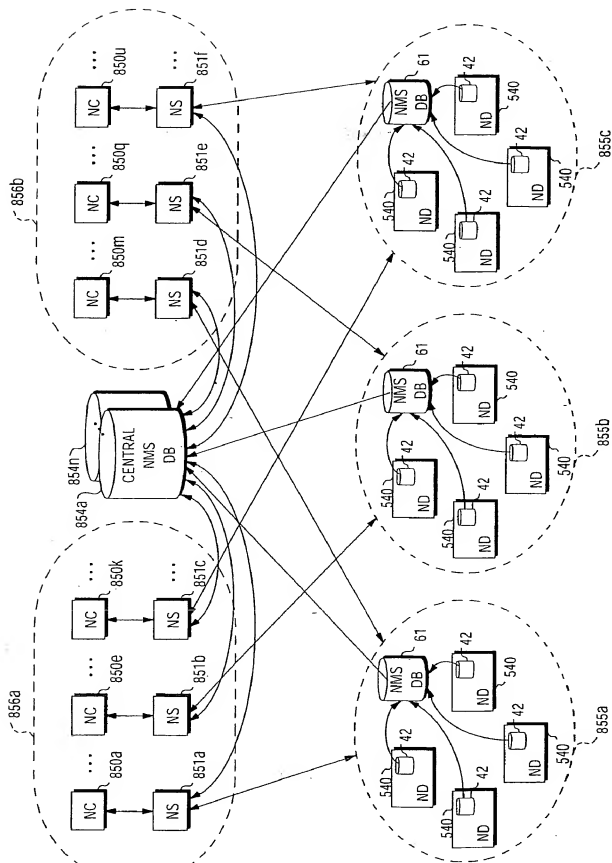


FIG. 2B

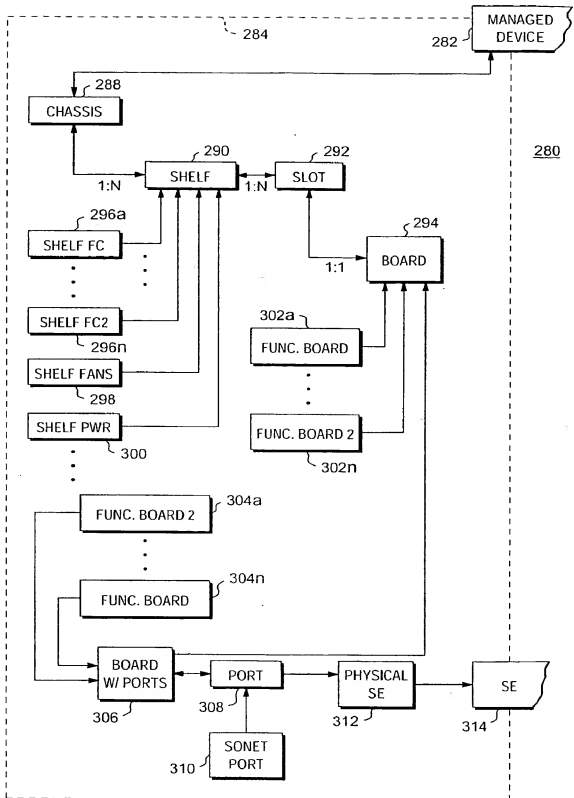


FIG. 3A

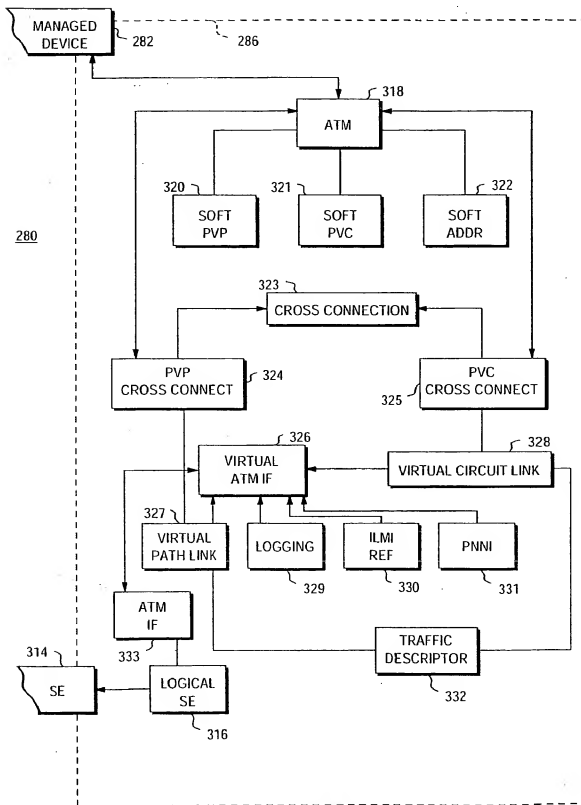
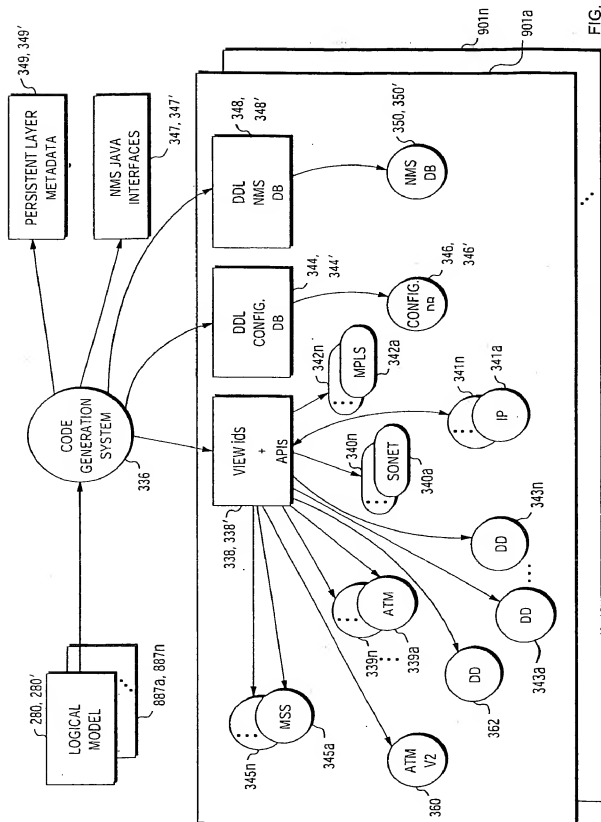


FIG. 3A CONTINUED



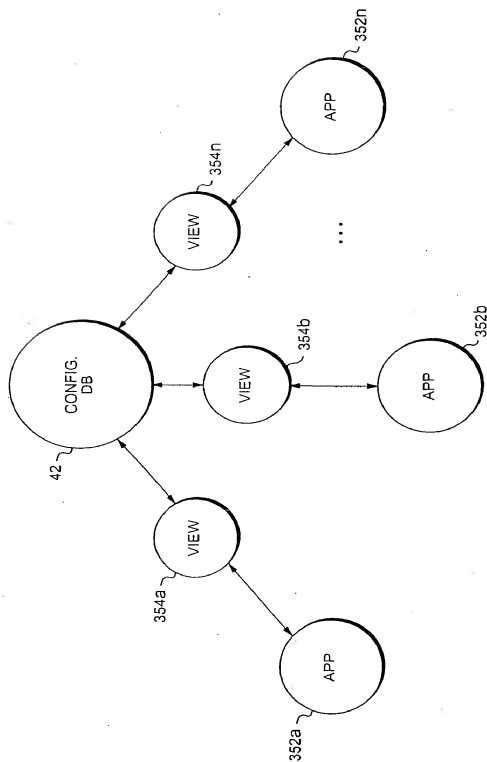


FIG. 3C

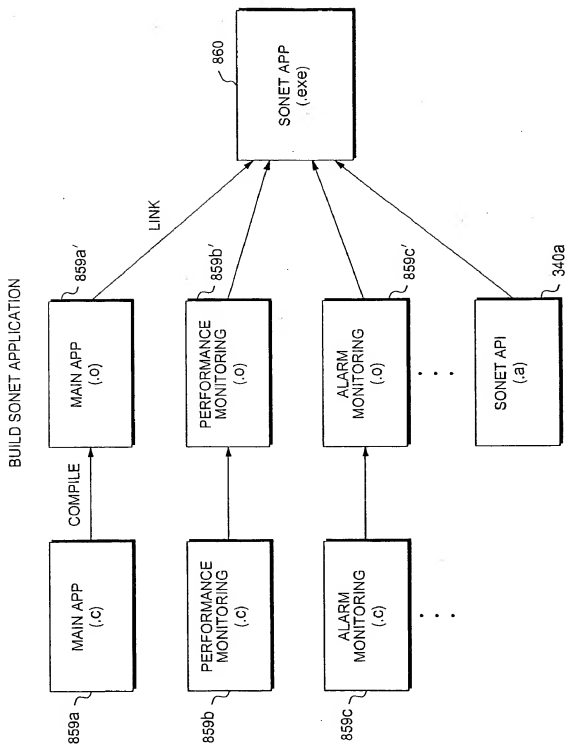


FIG. 3D

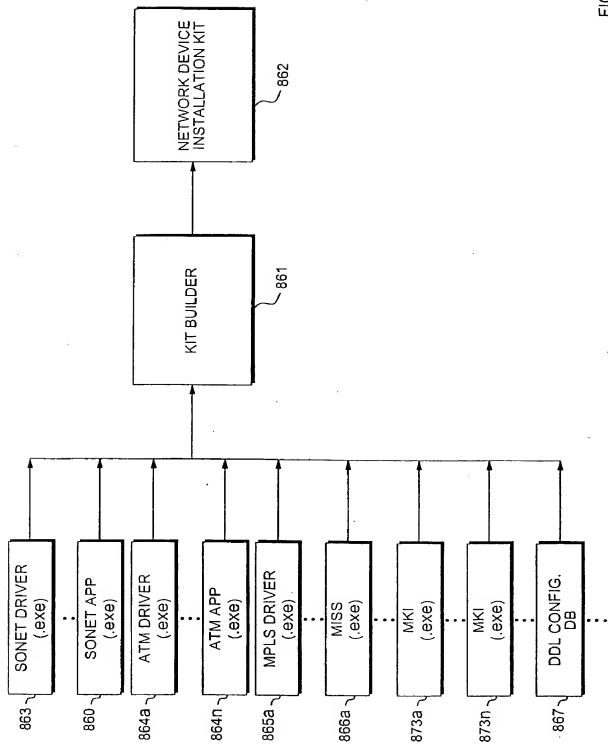


FIG. 3E

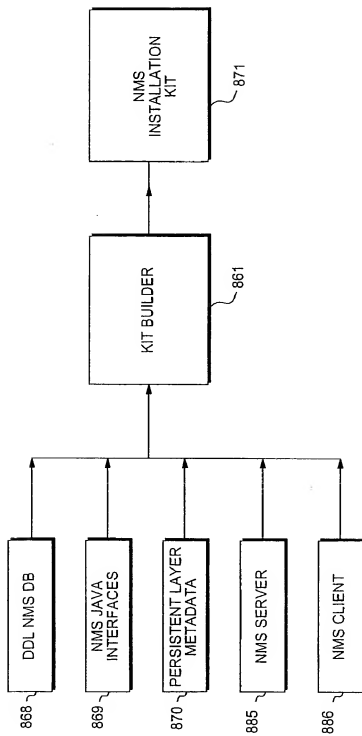


FIG. 3F

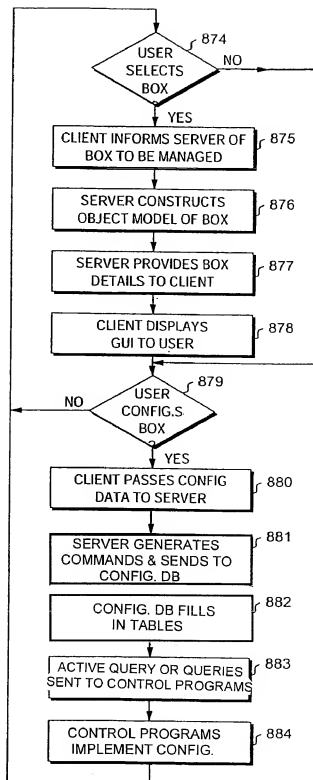


FIG. 3G

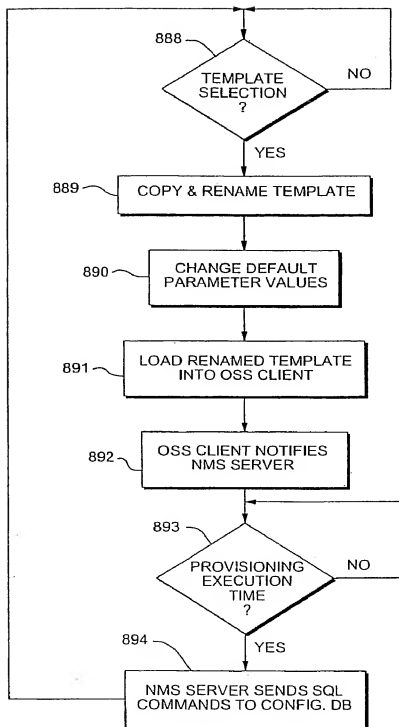


FIG. 3H

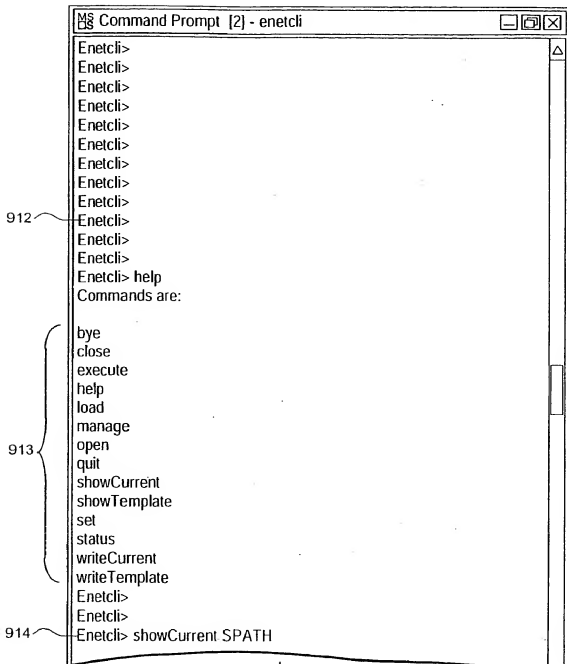


FIG. 31 CONTINUED

FIG. 31

FROM FIG. 31

915 { ATMIfName=ATMIf11/1/1
Concatenated=false
Name=Path11/1/1
Operand=SPATH
Operator=Create
PortID=1
Position=1
Service=ATM
ShellID=11
SlotID=1
Type=Terminated
Version=V1_1_0_0
Width=STS3
Enetcli>
Enetcli>
Enetcli>

916 { Enetcli> showTemplate SPATH
ATMIfName=<String>[TerminatedOnly]
Concatenated=<true:false>
Name=<String>
Operand=SPATH
Operator=<Create:Replace:Update:Delete>
PortID=<Integer><1-16>
Position=<Integer>
Service=<None :ATM>
ShellID=<11[top],13[bottom]>
SlotID=<Integer><1-8>
Type=<switched :Terminated>
Version=V1_1_0_0
Width=<STS1:STS3:STS12:STS48>
Enetcli>
Enetcli>

917 {

918 { Enetcli> status

919 { Not currently connected to server

920 { Supporting templates: CONTROL, PVC, SPATH, SPVC,TD, and VAIF
Enetcli>

FIG. 31 CONTINUED

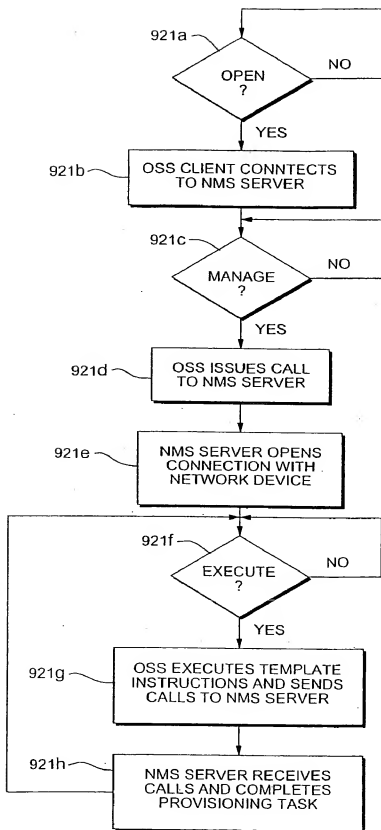


FIG. 3J

```
MS-DOS Command Prompt [2] - enetcli
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
922 Enetcli> showCurrent CONTROL
input=Q:\nms\com\equipecom\nms\utils\enetcli
Interactive=false
Operator=CONTROL
923d Operator=Manage
923f Output=Q:\nms\com\equipecom\nms\utils\enetcli
923c Password=None
923e System=192.168.9.202
923b User=None
923g Version=V1_1_0_0
923a Server=localhost
Enetcli>
```

FIG. 3K

BATCH

924



Operant=BATCH

Operator=Execute

Version=V1_1_0_0

924a ~ TASK1=execute-SPATH

924b ~ TASK2=execute-PVC

924c ~ TASK3=execute-SPVC

924d ~ TASK4=load-SPVC-spvc1

924e ~ TASK5=execute-SPVC

924f ~ TASK6=load-SPVC-spvc2

924e ~ TASK7=execute-SPVC

.

.

924g ~ TASK50=set-SPATH-PortID-3

924h ~ TASK51=execute-SPATH

924i ~ TASK52=set-SPATH-SlotID-2

924j ~ TASK53=execute-SPATH

FIG. 3L

925

Operant=BATCH
Operator=Execute
Version=V1_1_0_0
925a ~ TASK1=execute-CONTROL
925b ~ TASK2=execute-SPATH
925c ~ TASK3=set-SPATH-PortID-3
925d ~ TASK4=execute-SPATH
.
.
.
925e ~ TASK61=set-CONTROL-System-192.168.9.201
925f ~ TASK62=execute-CONTROL
925g ~ TASK63=execute-SPATH
.
.
.
925h ~ TASK108=close
925i ~ TASK109=set-CONTROL-Server-Server1
925j ~ TASK110=set-CONTROL-System-192.168.8.200
925k ~ TASK111=execute-CONTROL
925l ~ TASK112=execute-SPATH
.
.
.

FIG. 3M

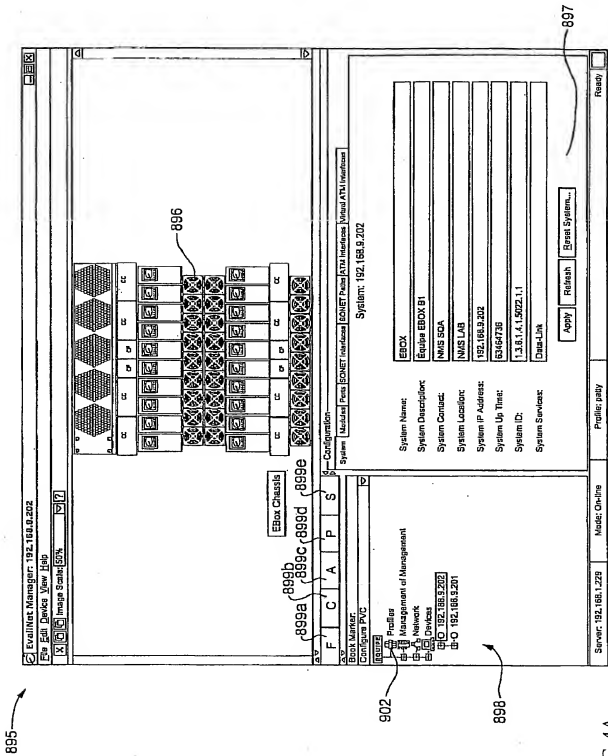


FIG. 4A

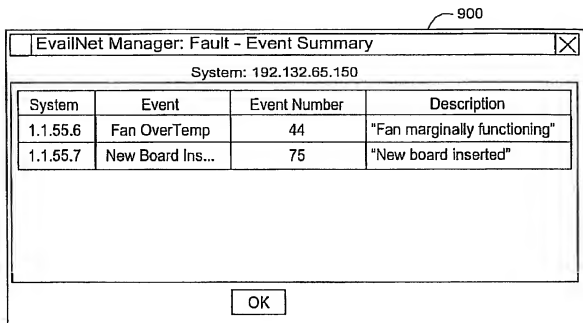


FIG. 4B

FIG. 4C

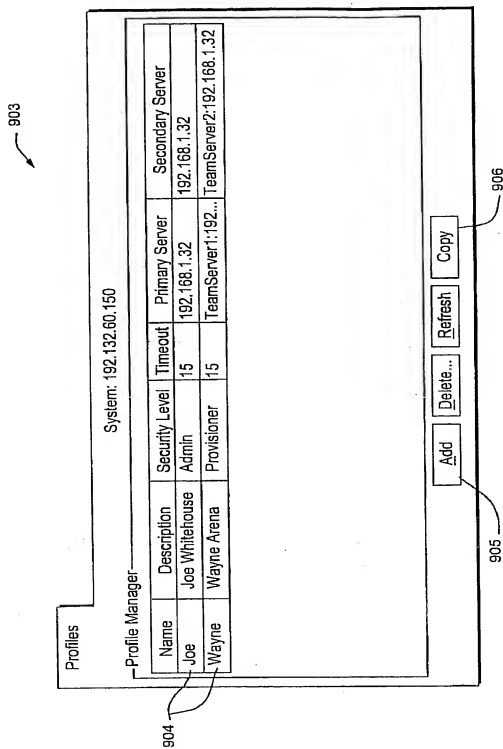


FIG. 4D

907

General

Username: Kevin 908a

Description: Kevin Snow user account 908e

Group Name: Equipe 908f

Group Level Access: ☒ 908d

Password: ***** 908b

Confirm Password: ***** 908c

Policies

☒ User Cannot Change Password 908h

☐ Account Disabled 908i

☒ User Can Add Devices 908j

User Session Timeout: 15 908k Minutes

TO

FIG. 4E

FIG. 4E Continued

FROM
FIG. 11B

Servers

Primary Server: 192.168.1.220 908l

Primary Server Port: 6500 908n

Secondary Server: 192.168.1.221 908m

Secondary Server Port: 6503 908o

Devices

Device	READ	READ/WRITE	Retry	Timeout
192.168.9.202	public	equipe	3	3
192.168.9.205	public	equipe	3	3
192.168.9.216	public	equipe	3	3

908g 908p 908q 908r 908s

908t ~ OK Cancel

Add Delete

FIG. 4E Continued




		  	
General Policies Servers Devices			
Username:		Kevin	
Description:		Kevin Snow user account	
Customer Name:		Equipe	
Group Level Access:	<input checked="" type="checkbox"/>		
Password:		*****	
Confirm Password:		*****	
		908t ~ OK Cancel	

FIG. 4F

908t

General Policies Servers Devices

☐ User Cannot Change Password

☐ Account Disabled

☒ User Can Add Devices

User Session Timeout: 15 Minutes

OK Cancel

FIG. 4G

192.168.1.220	6500
192.168.1.205	6503

FIG. 4H

General

Policies

Servers

Devices

Device	READ	READ/WRITE	Retry	Timeout	Trap Port
192.168.9.202	public	equipe	3	3	162
192.168.9.205	public	equipe	3	3	162
192.168.9.216	public	equipe	3	3	5012

Add

Delete

908t

OK

Cancel

FIG. 4I

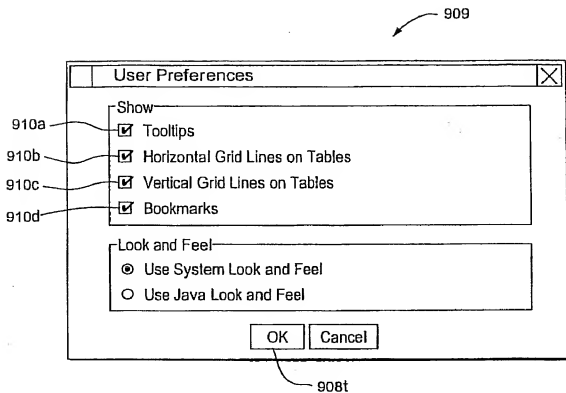
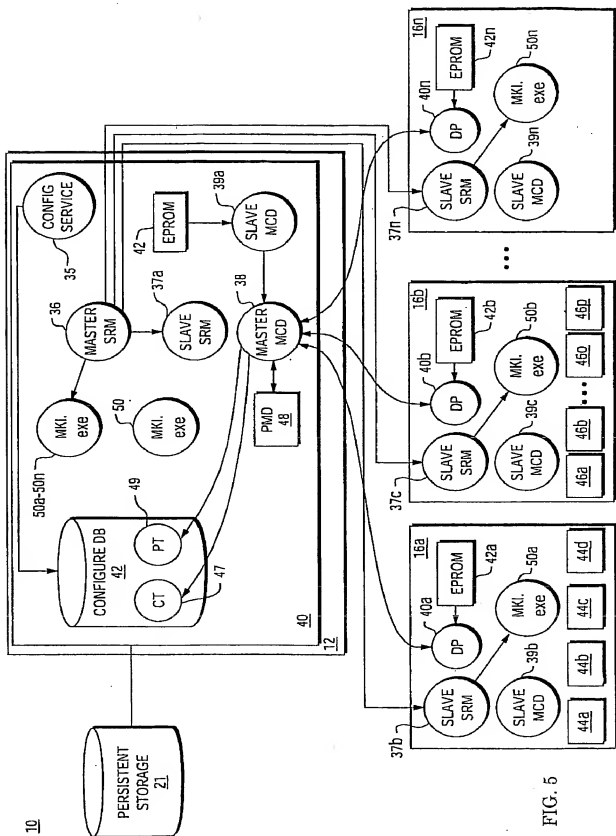


FIG. 4J



CARD TABLE 47

	PID	CWD TYPE	VERSION NO.	SLOT NO.	...
16a	500	0XF002	3	1	
16b	501	0XF002	4	2	
	⋮	⋮	⋮	⋮	⋮
16e	505	0X6002	1	5	
	⋮	⋮	⋮	⋮	⋮
16n	513	0XF002	1	12	
	⋮	⋮	⋮	⋮	⋮

FIG. 6

PORT TABLE 49

	PID	PORT TYPE	VERSION NO.	SLOT NO.	...
44a	1500	00620	1	1	
44b	1501	00620	1	1	
44c	1502	00620	1	1	
44d	1503	00620	1	1	
44a	1504	00820			
	:	:	:	:	:
46a	:	:	:	:	:
	1600	00620	1	8	
	:	:	:	:	:
	:	:	:	:	:

FIG. 7

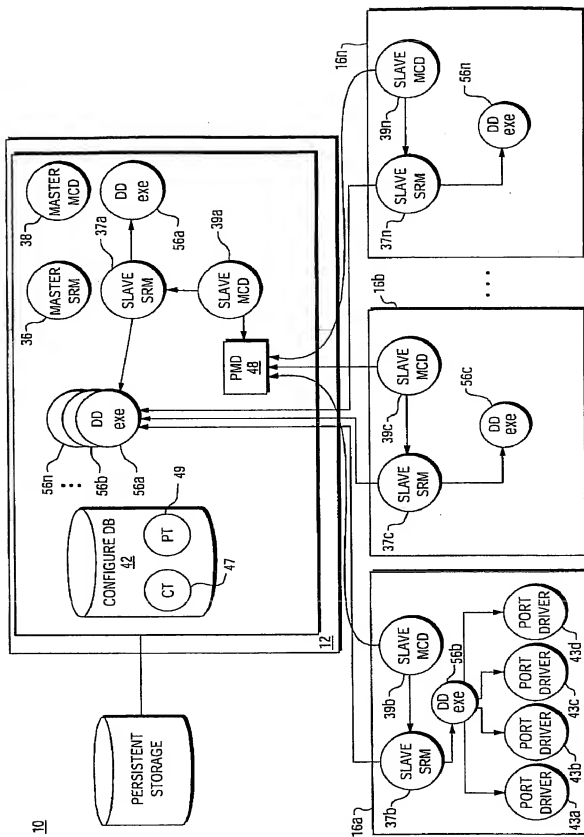


FIG. 8

FIG. 9

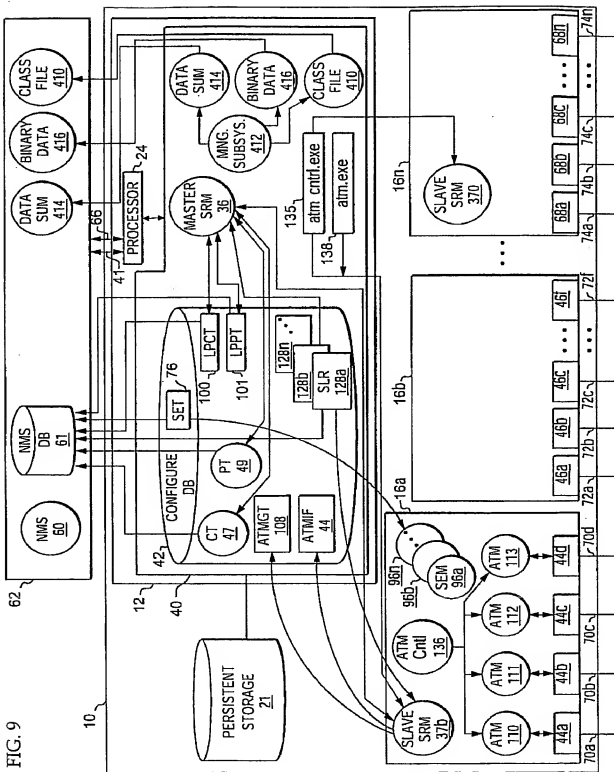


FIG. 10

SERVICE ENDPOINT TABLE 76

	SERVICE ENDPOINT #	PORT PID
78	1	1500
80	2	1501
82	3	1501
84	4	1501
86	5	1502
88	6	1502
90	7	1503
92	8	1503
94	9	1503
168	10	1502
	⋮	⋮
	⋮	⋮

FIG. 11A

LOGICAL TO PHYSICAL CARD TABLE 100

	98	102	104
	LID	PRIMARY PID	BACK-UP PID
106	30	500	513
109	31	501	513
	⋮	⋮	⋮
	⋮	⋮	⋮

FIG. 11B

LOGICAL TO PHYSICAL PORT TABLE 101

	98	102	104
	LID	PRIMARY PID	BACK-UP PID
107	40	1500	1600
	⋮	⋮	⋮
	⋮	⋮	⋮

FIG. 12

ATM GROUP TABLE 108

GROUP #	CARD LID	...
1	30	
2	30	
3	30	
4	30	

FIG. 13

ATM INTERFACE TABLE 114

ATM IF	ATM GROUP	SE	...
1	1	1	
2	1	1	
3	1	1	
4	2	2	
5	2	3	
6	2	4	
⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮
12	3	10	
⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮

FIG. 14

SOFTWARE LOAD RECORD 128a

130	CONTROL SHIM	LID	132
134	atm-cntl.exe	30	

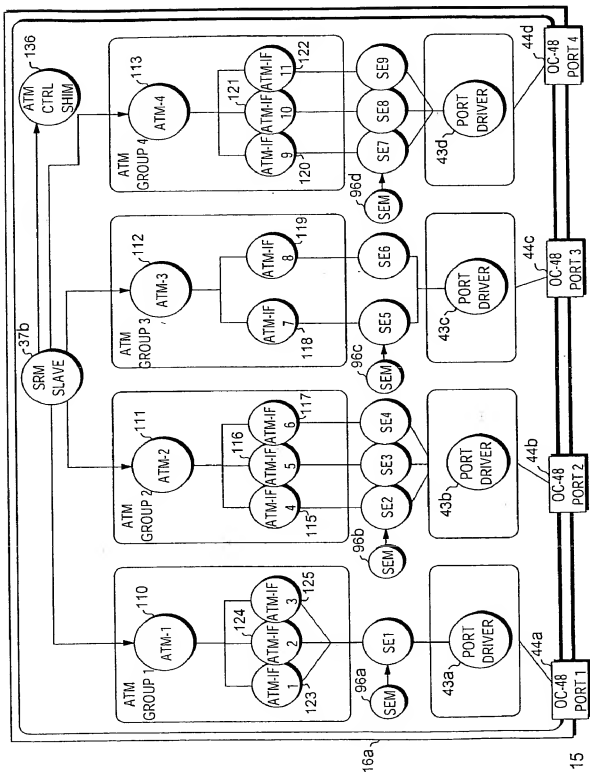


FIG. 15

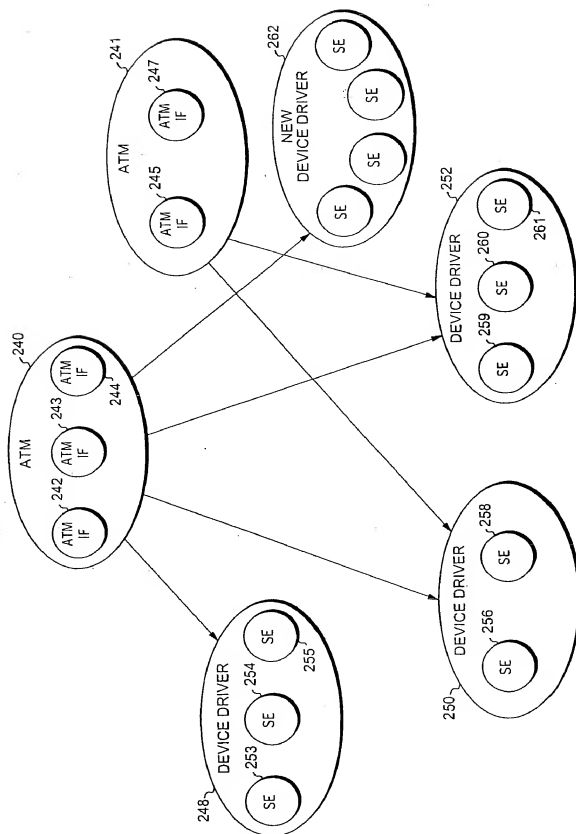


FIG. 16A

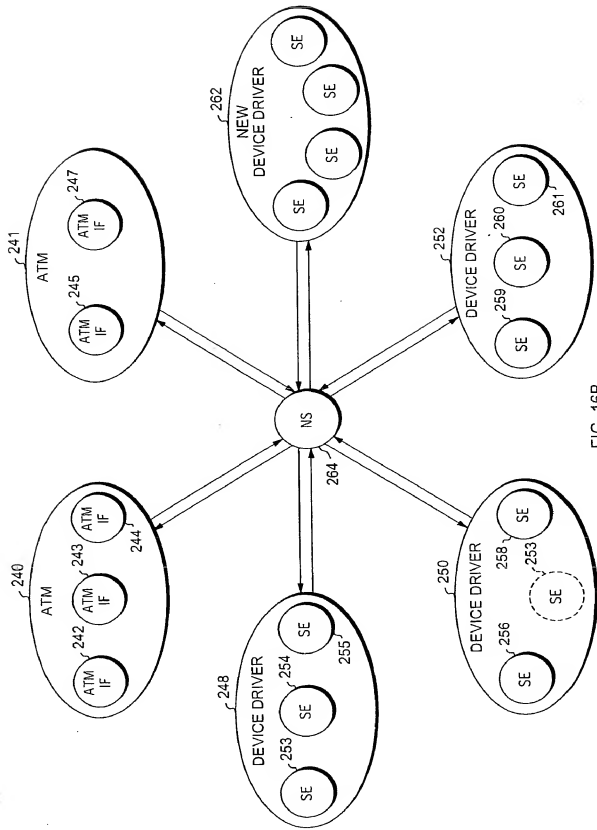


FIG. 16B

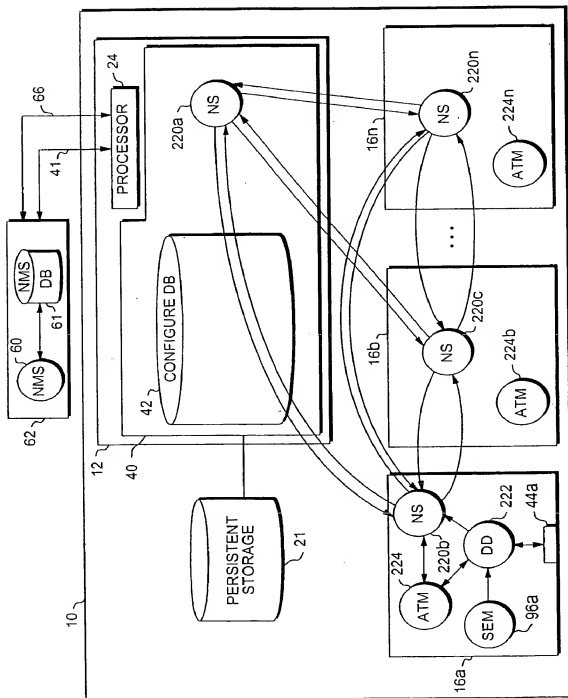


FIG. 16C

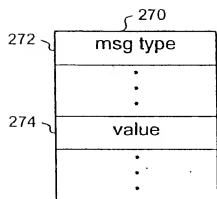


FIG. 16D





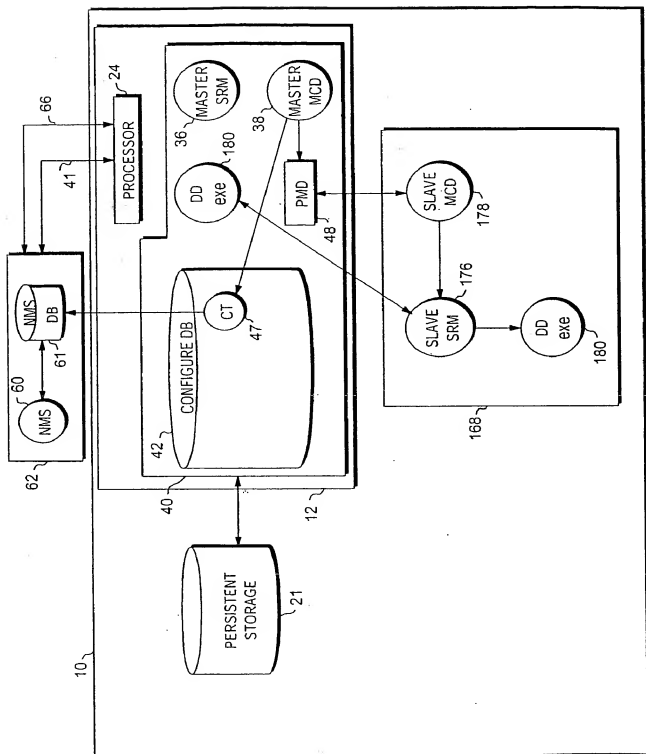


FIG. 19

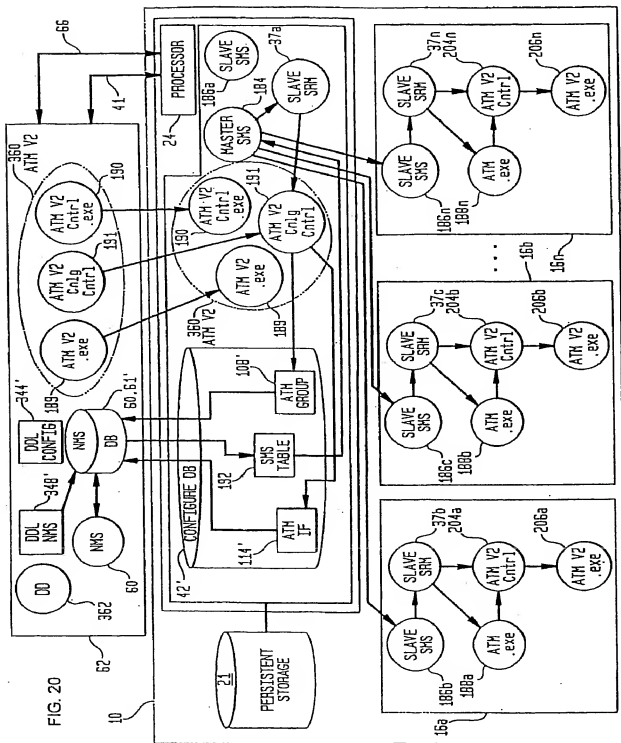


FIG. 21

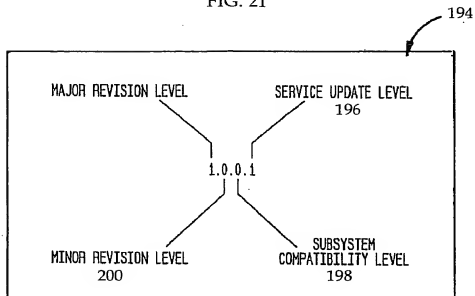
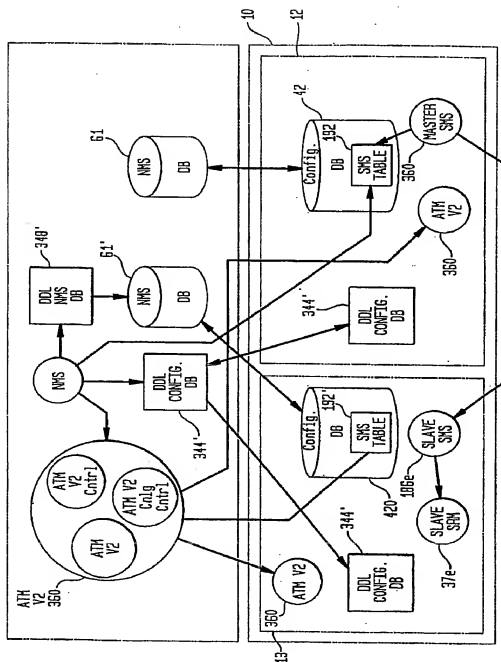
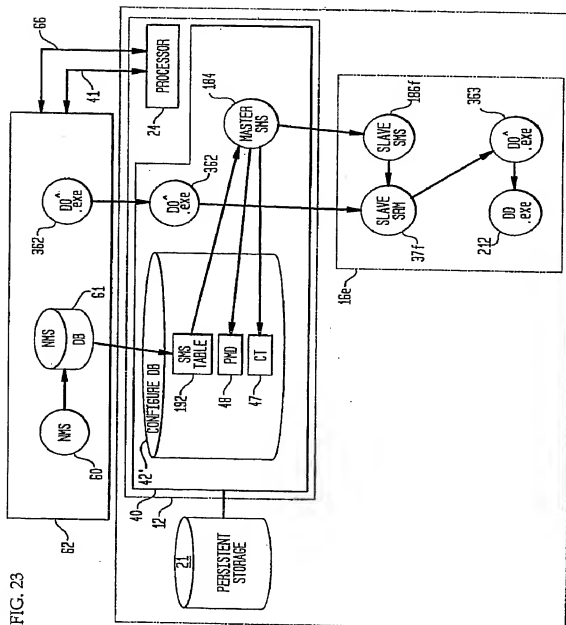


FIG. 22





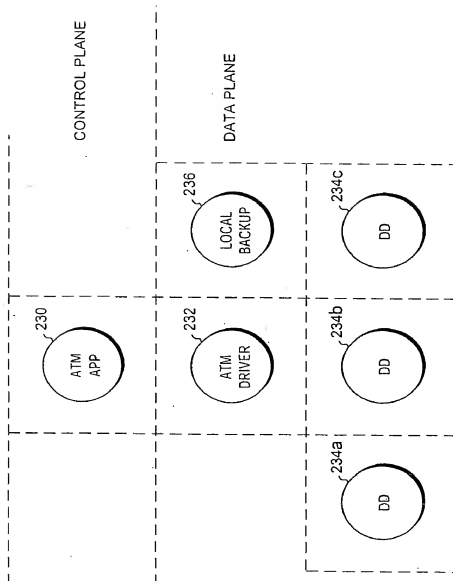


FIG. 24

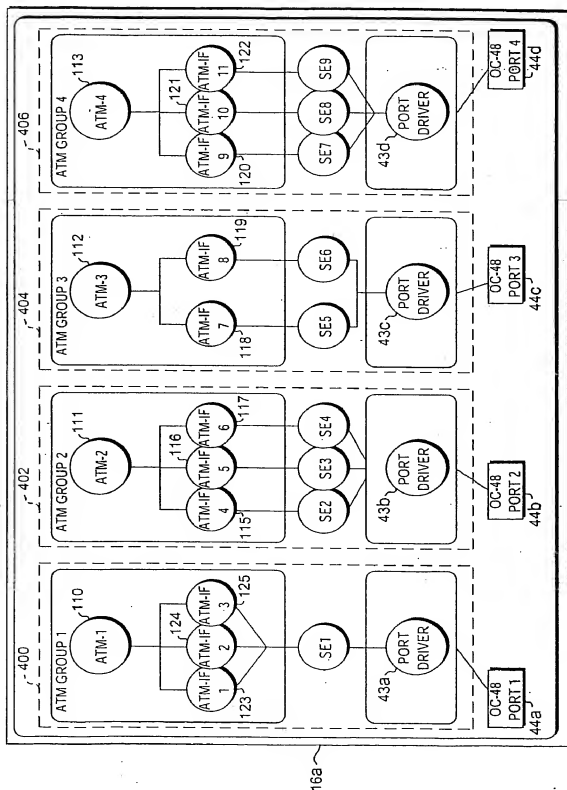


FIG. 25



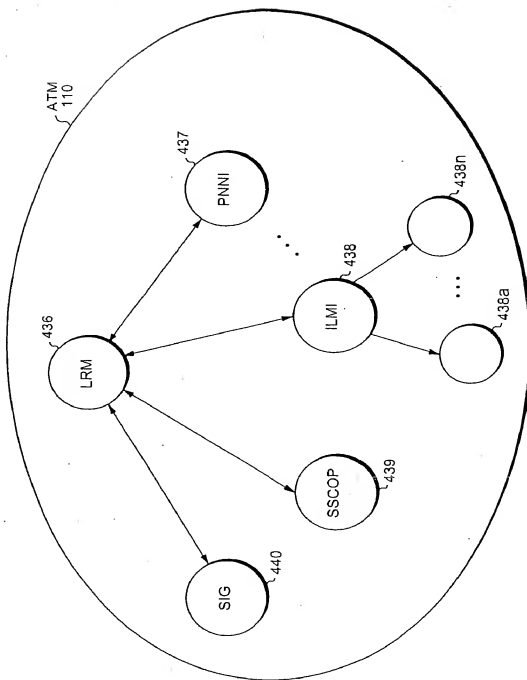


FIG. 27

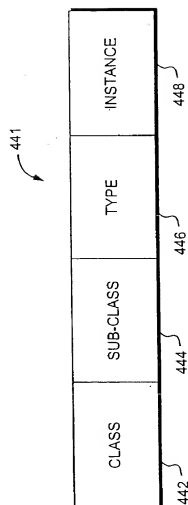


FIG. 28

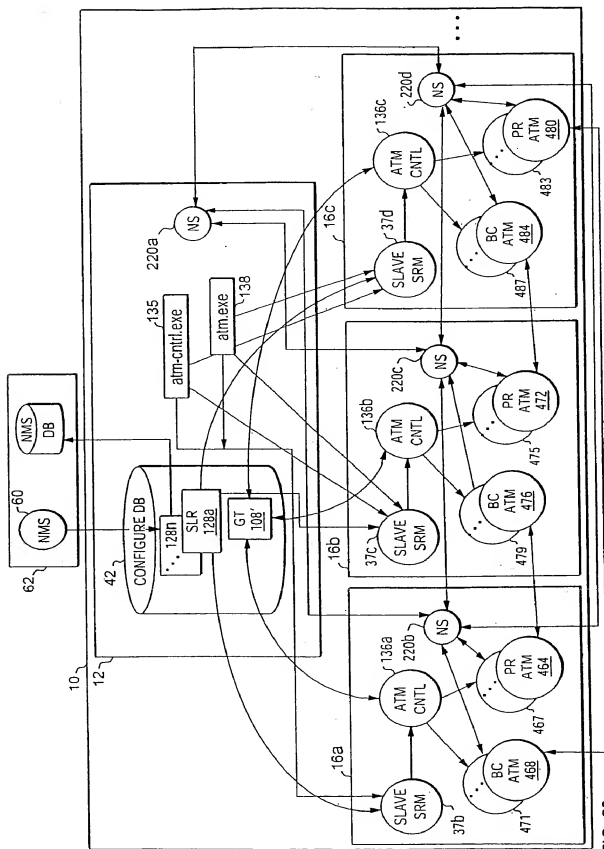


FIG. 29

GROUP TABLE 108'

447		449	
GROUP #	PRIMARY CARD LID	BACKUP CARD LID	...
450 1	30	31	
451 2	30	31	
452 3	30	31	
453 4	30	31	
454 5	31	32	
455 6	31	32	
456 7	31	32	
457 8	31	32	
458 9	32	30	
459 10	32	30	
460 11	32	30	
461 12	32	30	
.	.	.	.
.	.	.	.

FIG. 30

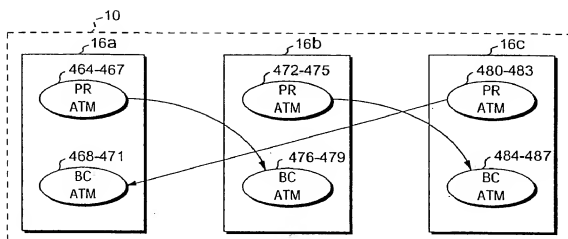


FIG. 31A

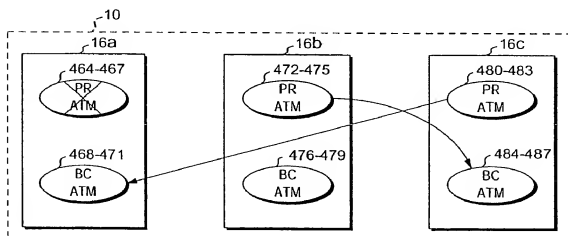


FIG. 31B

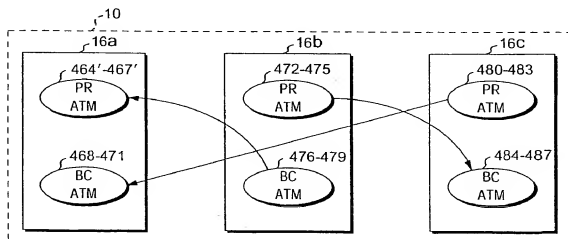


FIG. 31C

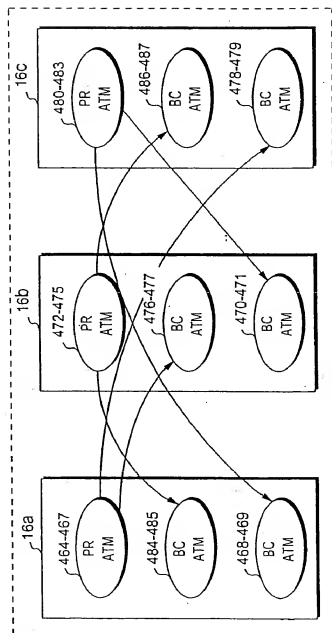


FIG. 32A

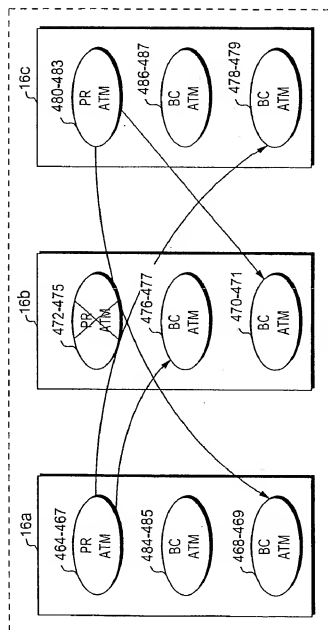


FIG. 32B

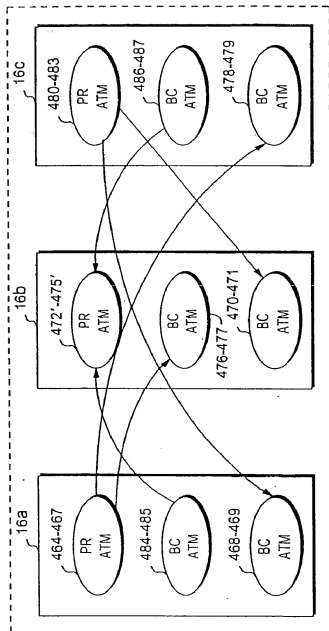


FIG. 32C

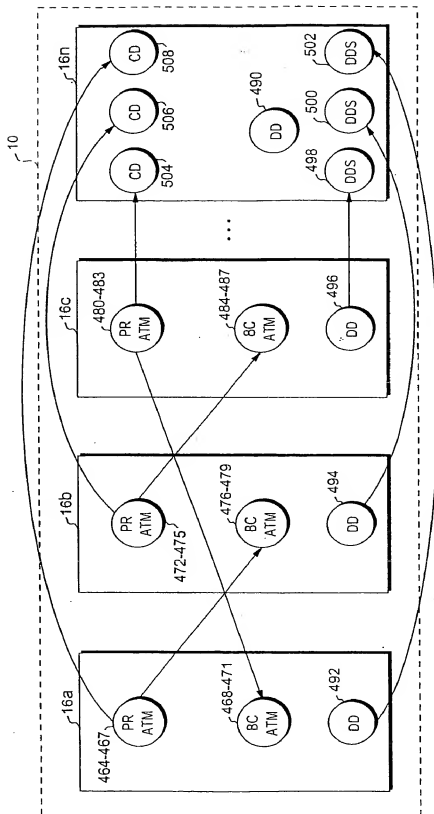


FIG. 33A

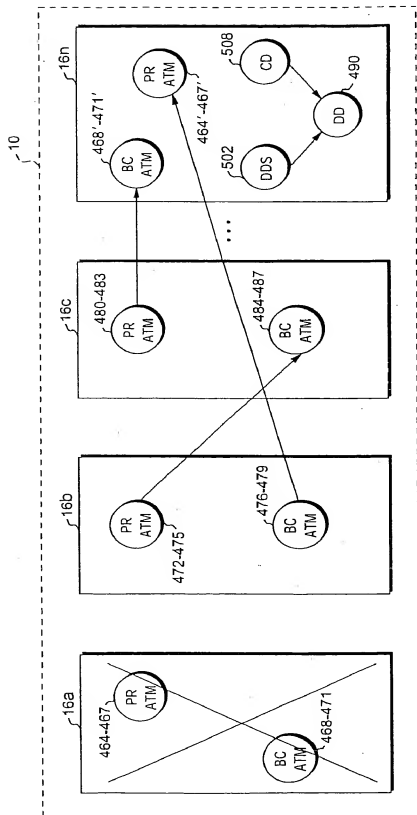


FIG. 33B

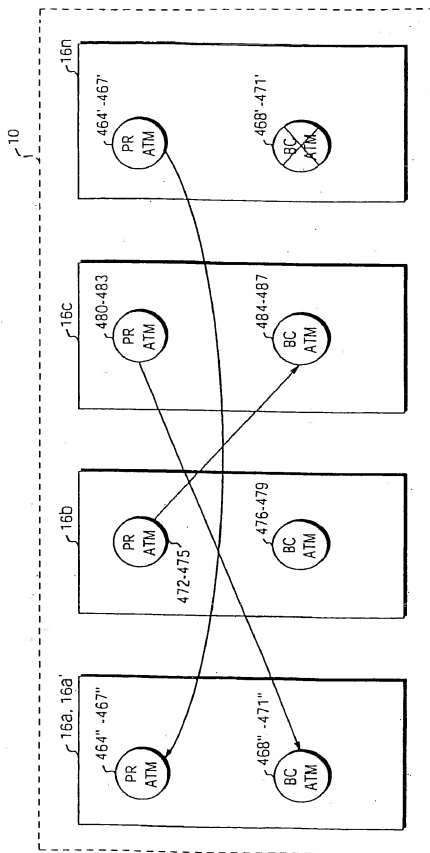


FIG. 33C

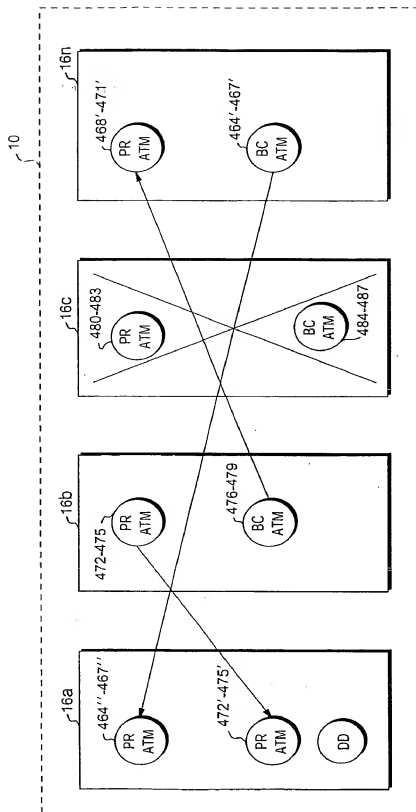


FIG. 33D

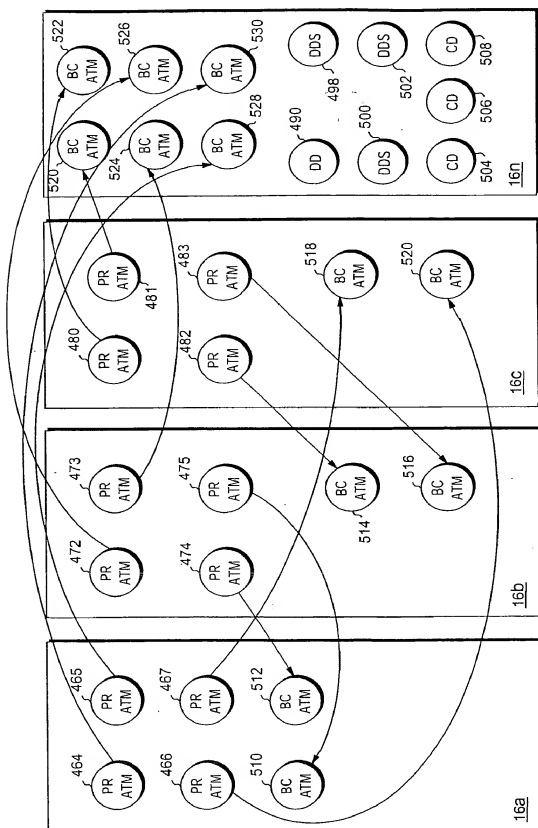


FIG. 34A

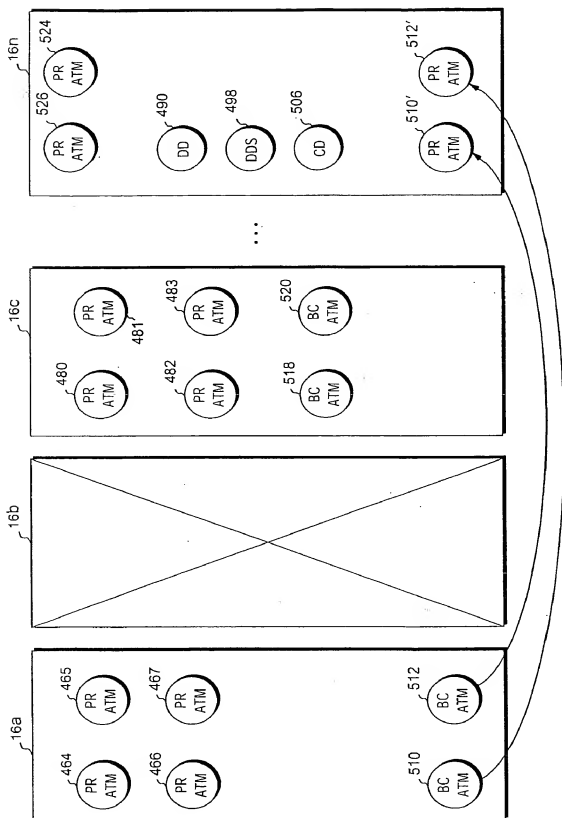


FIG. 34B

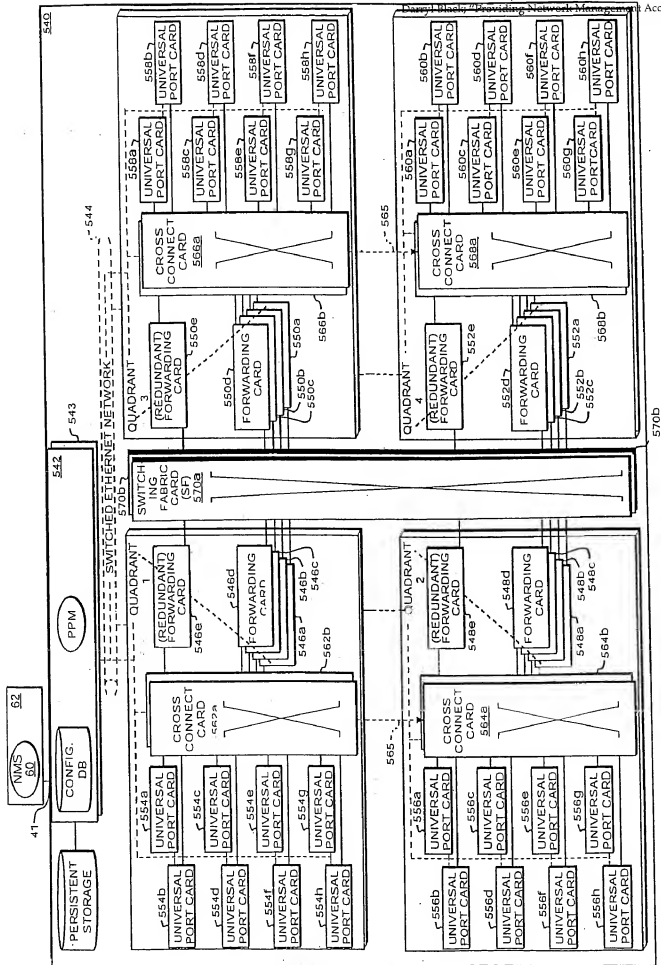


FIG. 35

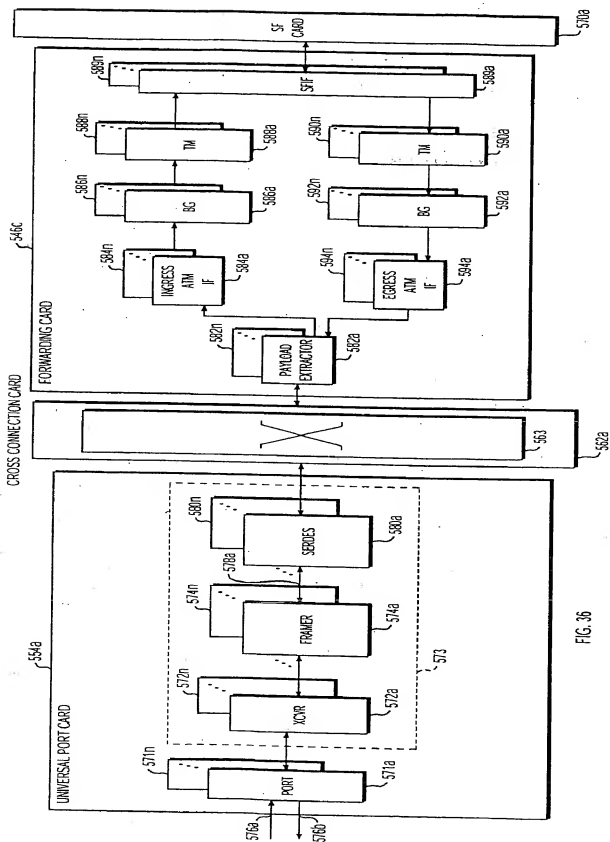


FIG. 36

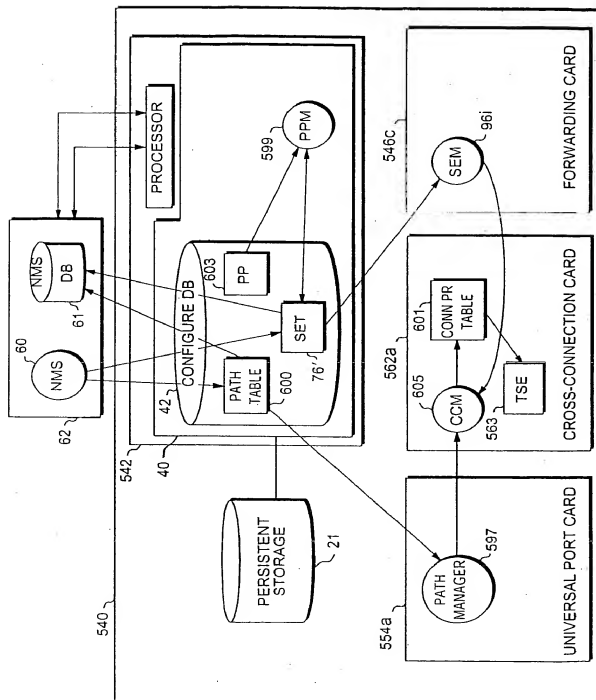


FIG. 37

PATH TABLE 600

602

PATH LID	UP PORT LID	TIME SLOT	# OF TIME SLOTS	...
1666	1231	4	3	
⋮	⋮	⋮	⋮	⋮

FIG. 38

SERVICE END POINT TABLE 76'

			606	608	610		
604	SE #	Q #	FC LID	FC SLICE	FC TIME SLOT	PATH PID	...
	878	1				1666	
	⋮	⋮	⋮	⋮	⋮	⋮	⋮

FIG. 39

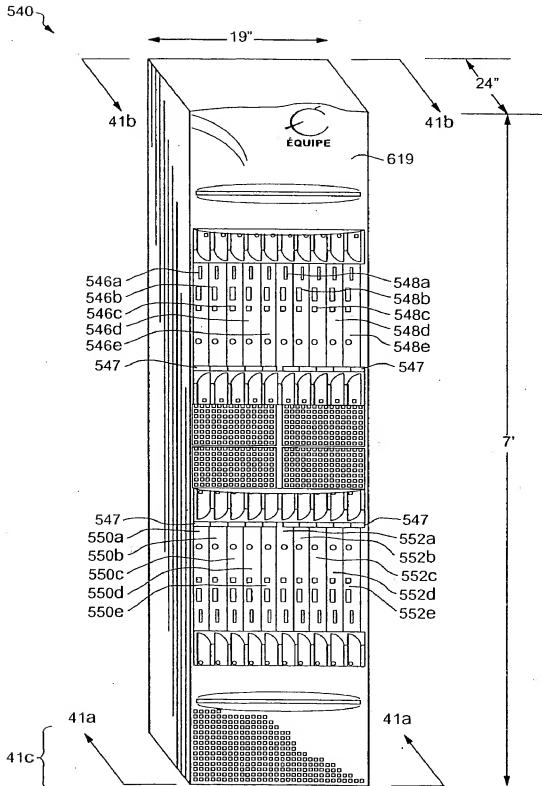


FIG. 40

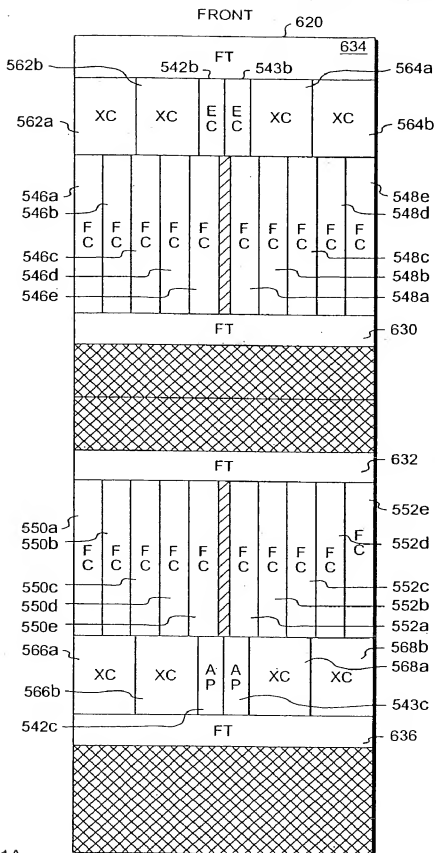


FIG. 41A

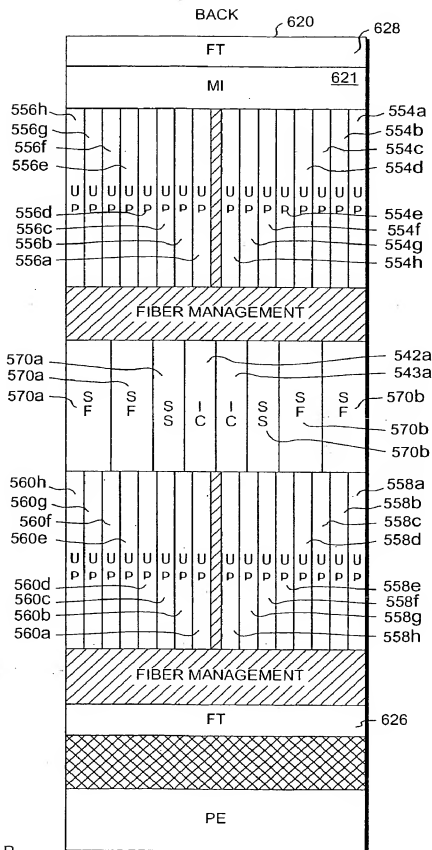


FIG. 41B

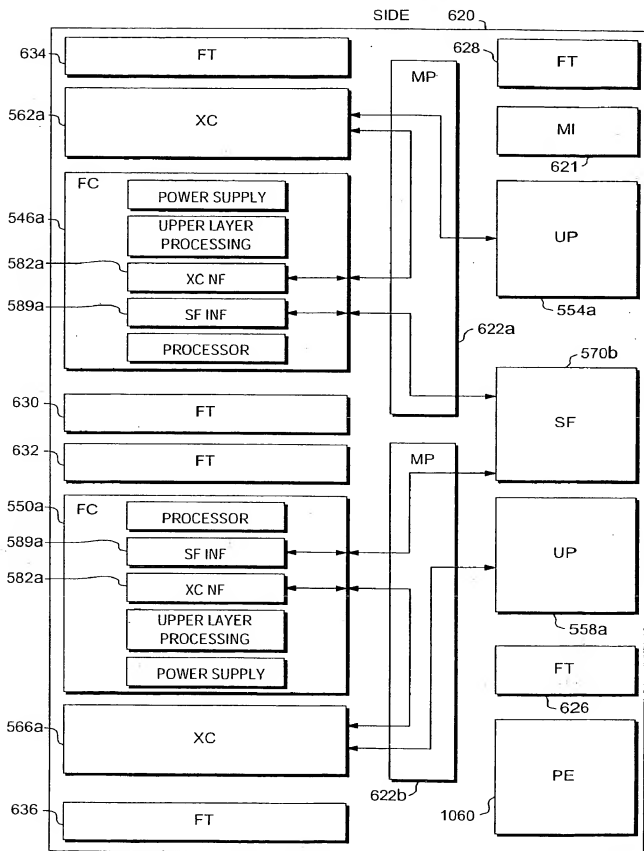


FIG. 41C

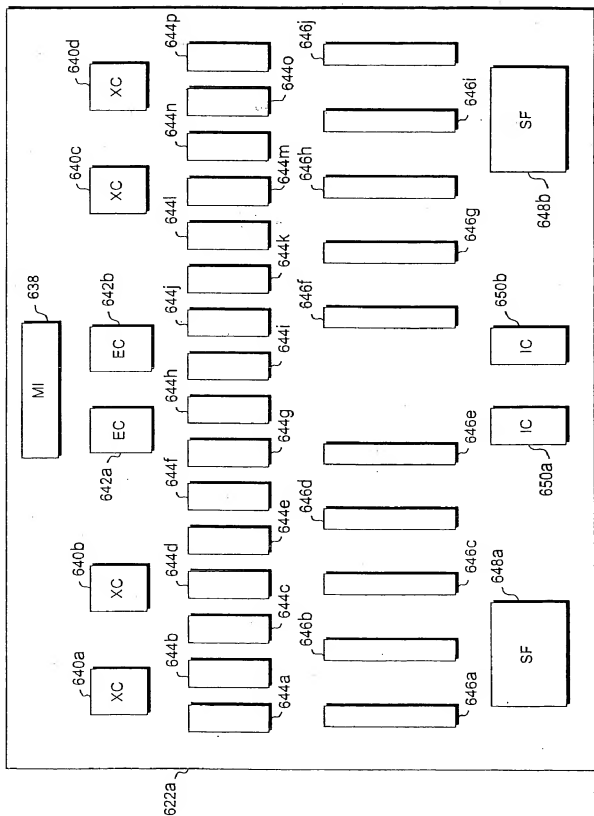


FIG. 42A

FIG. 42B

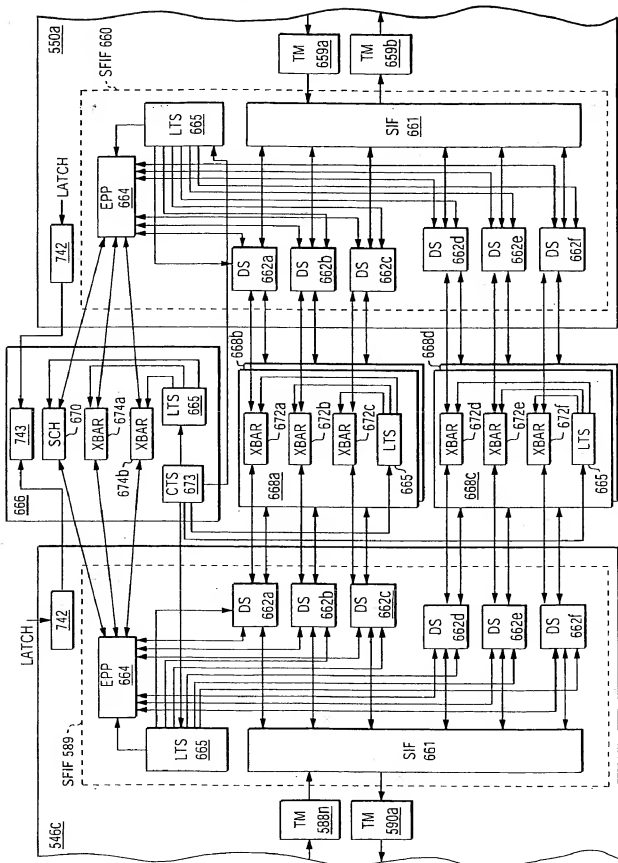


FIG. 43

540

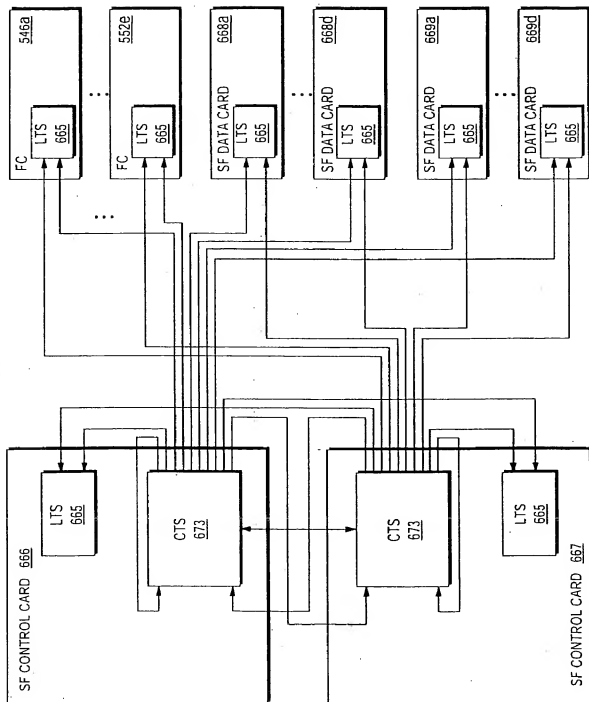
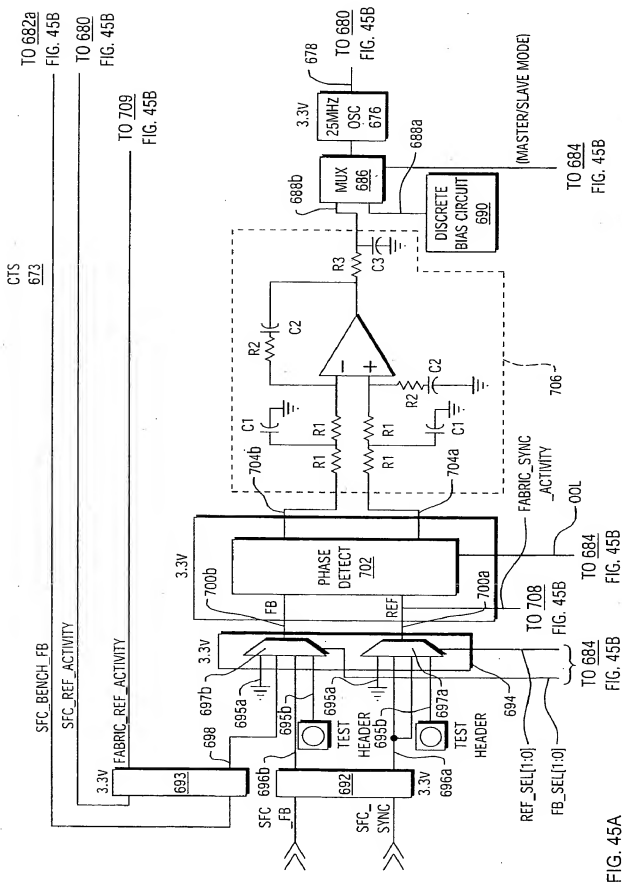


FIG. 44



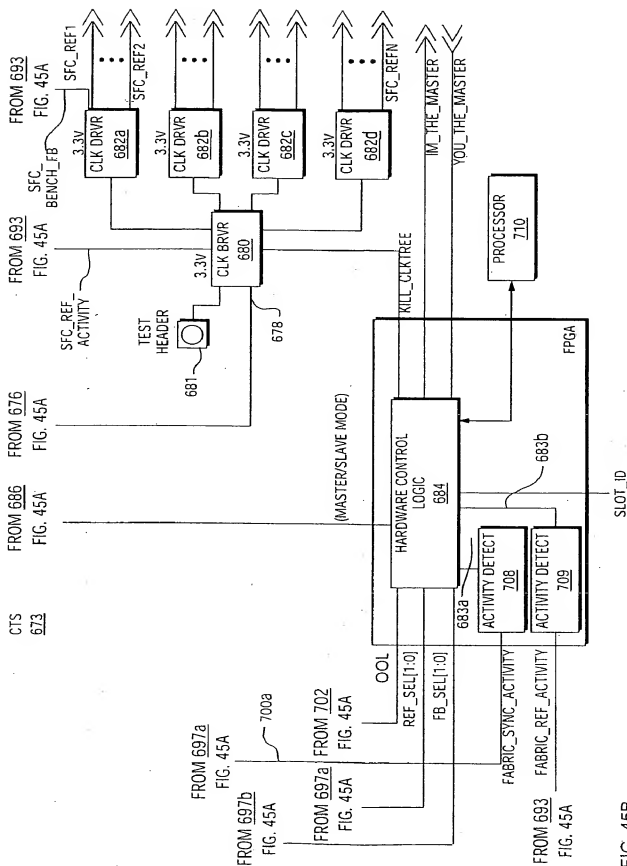


FIG. 45B

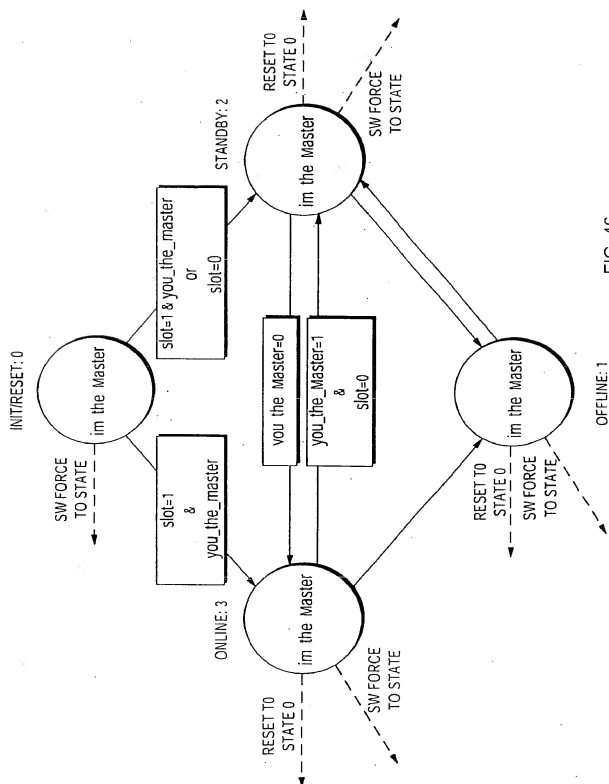


FIG. 46

LTS
665

SFC_FB

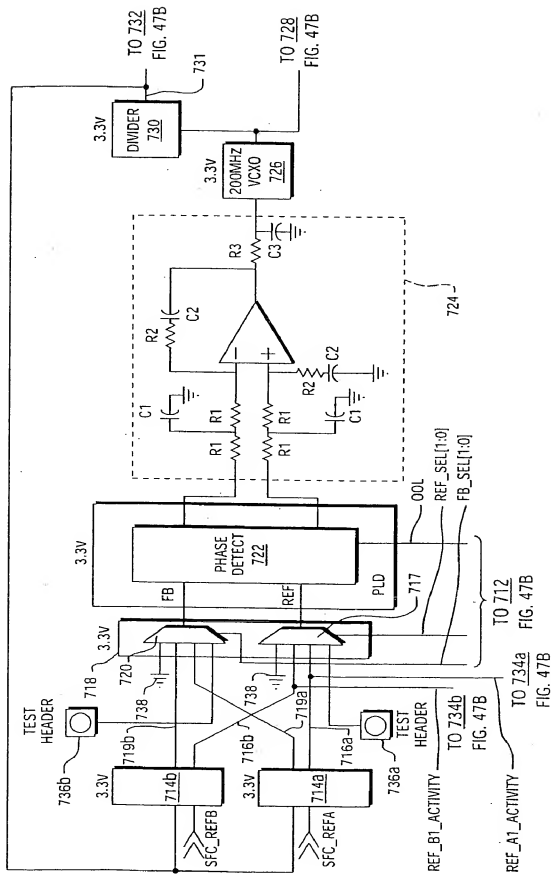
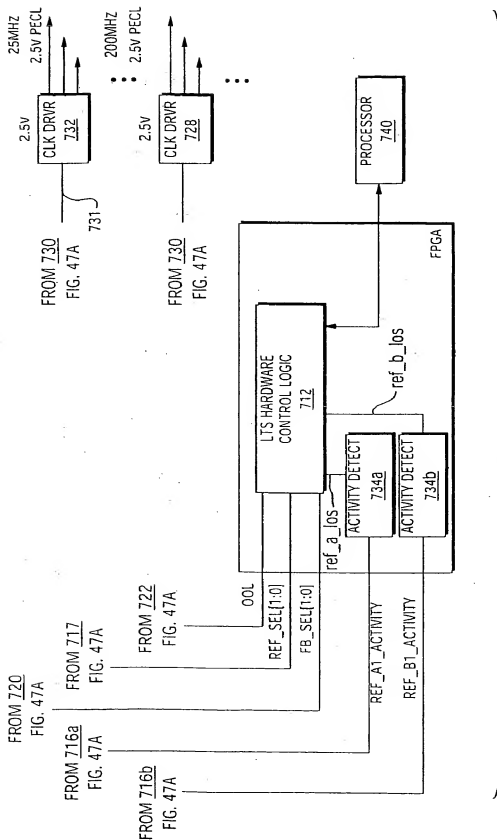


FIG. 47A



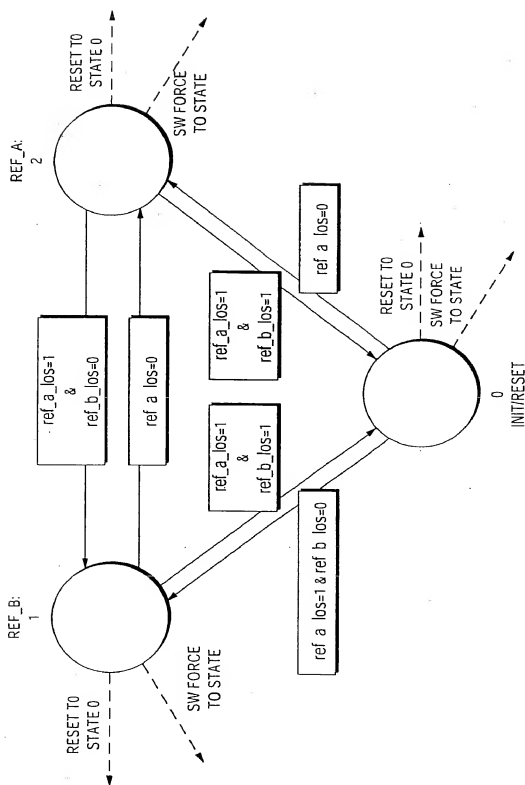


FIG. 48

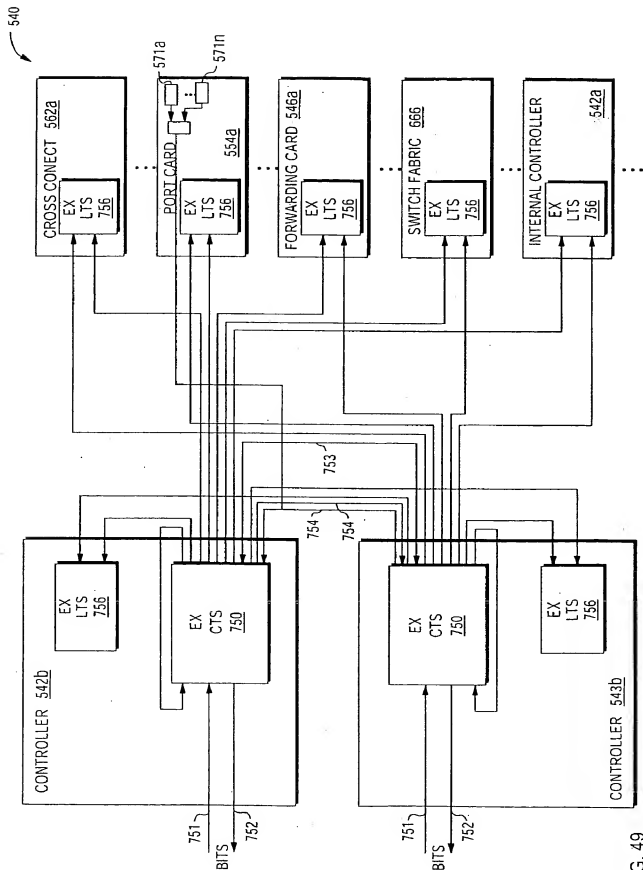


FIG. 49

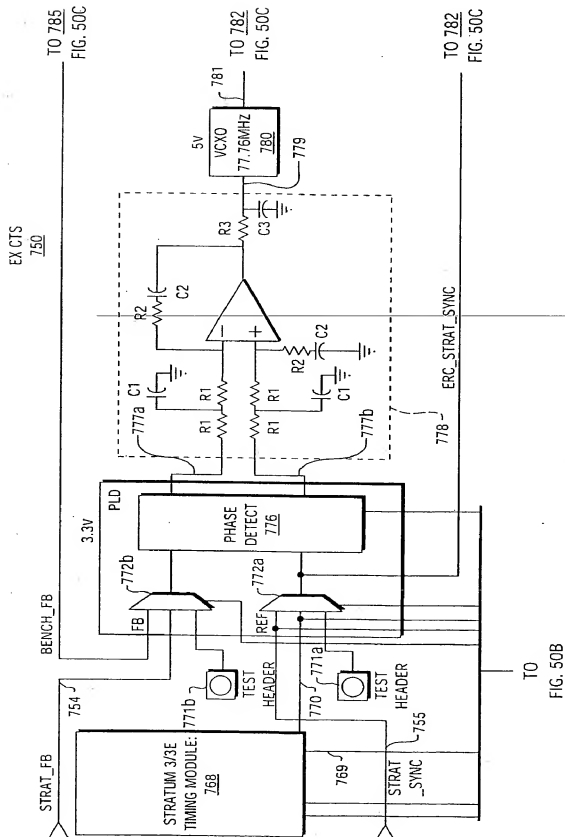


FIG. 50A

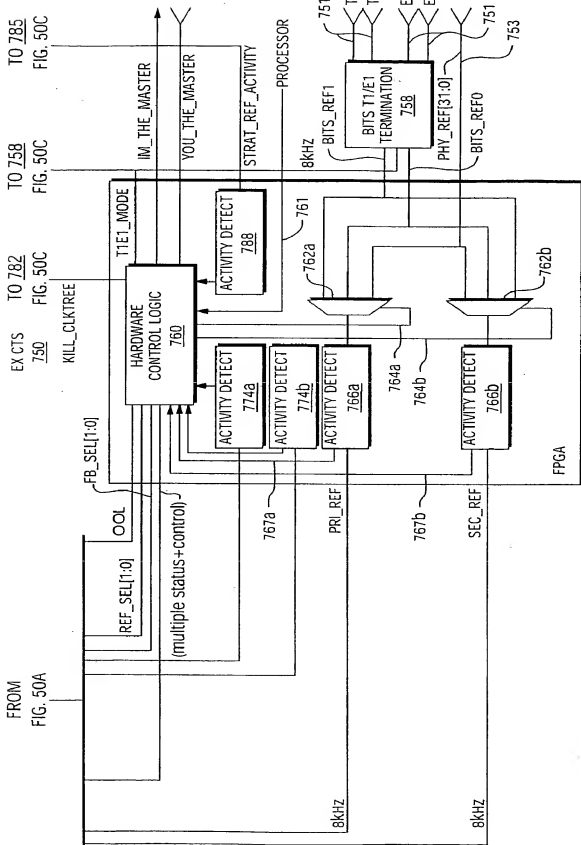


FIG. 50B

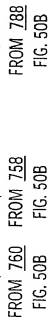


FIG. 50C

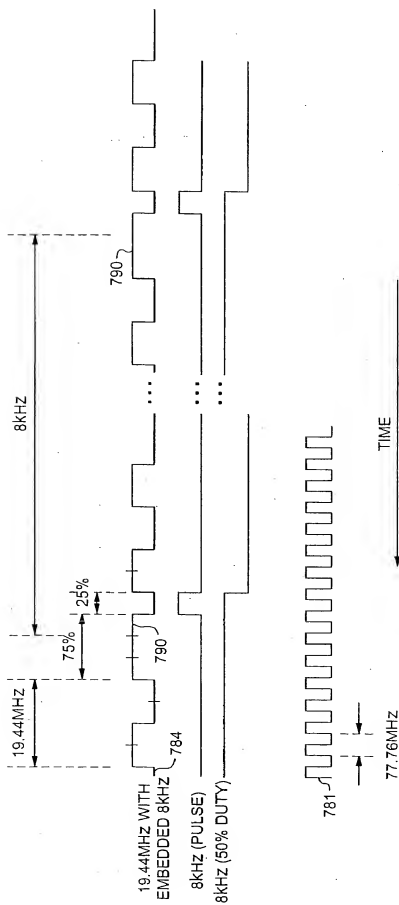


FIG. 51

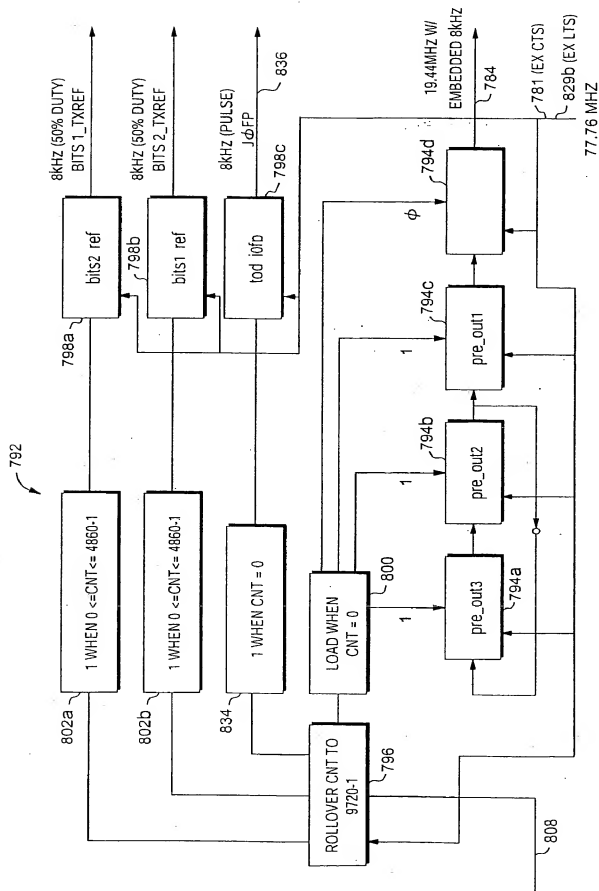


FIG. 52

EXTRACTOR
804

ERC_STRAT_SYNC (EX CTS)
STRAT_REF_A OR STRAT_REF_B (EX LTS) 832
19.44MHz WITH ENCLOSED 8kHz
(MUST BE PULLED LOW WHEN NOT PRESENT)

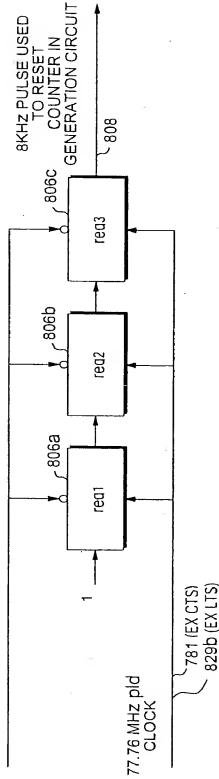


FIG. 53



FIG. 54B

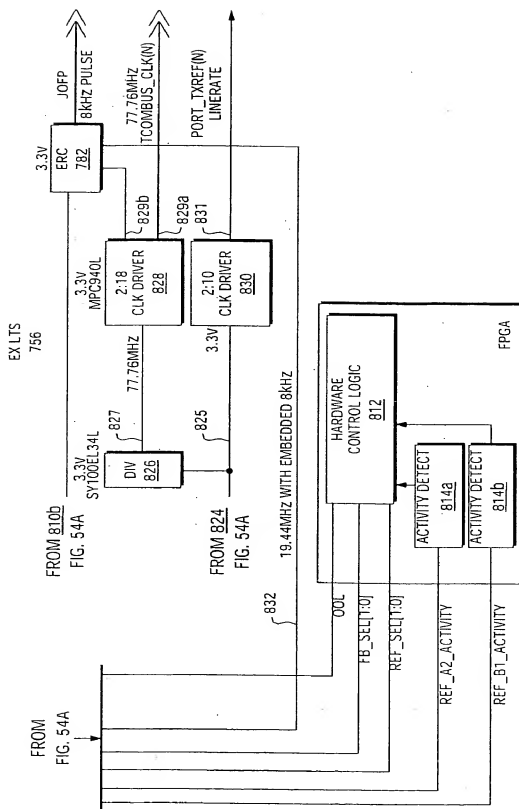


FIG. 54B



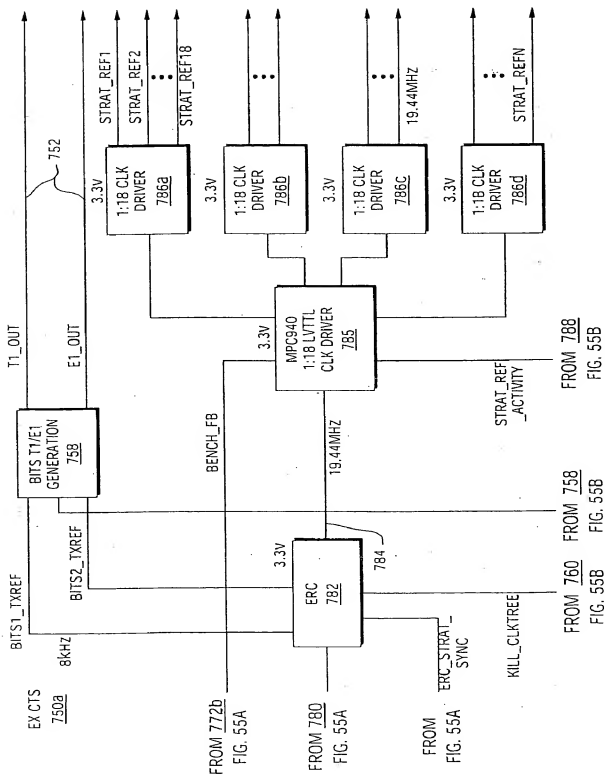


FIG. 55C

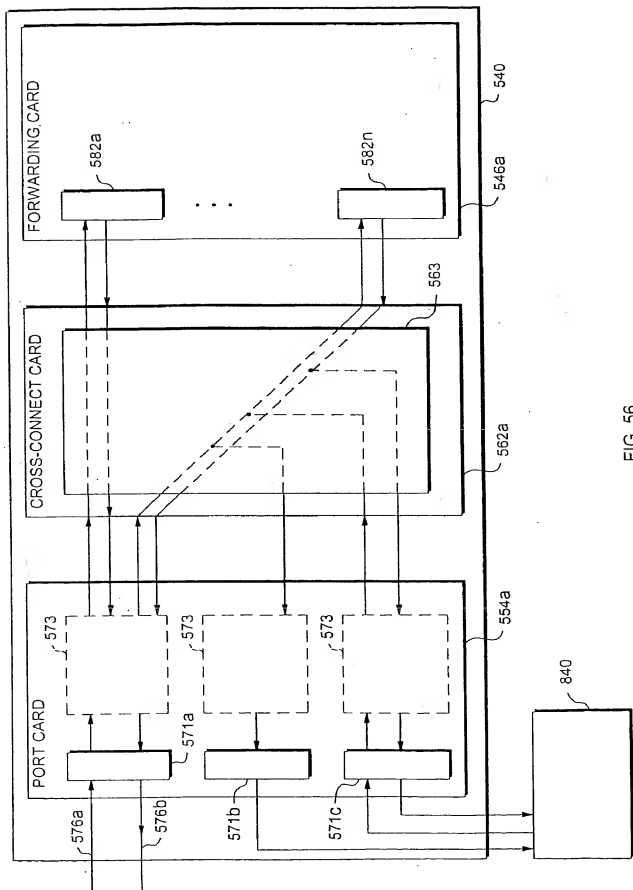


FIG. 56

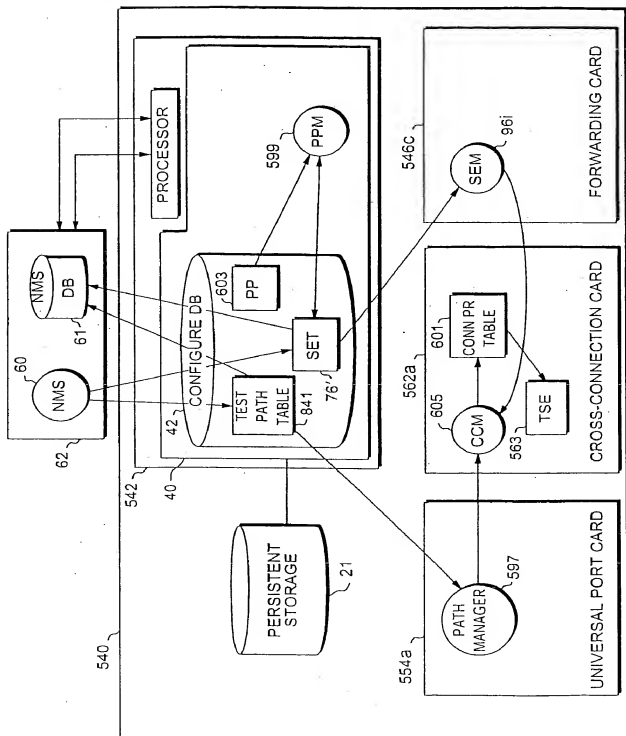


FIG. 57

TEST PATH TABLE 841

844				845		
PATH LID	UP PORT LID	TIME SLOT	# OF TIME SLOTS	MONITOR	ENABLE PORT RECEIVER	...
842 1666	1232	4	3	INGRESS	NO	
843 1666	1233	4	3	EGRESS	NO	
844 1666	1233	4	3	INGRESS	YES	
.
.
.

FIG. 58